

1 ABSTRACT

2 A portable positive pressure breathing apparatus
3 includes a demand valve with a supply inlet port adapted
4 to be connected to a pressurized source of oxygen and an
5 outlet port adapted to be connected to the inlet of a
6 patient's breathing appliance. The demand valve further
7 includes a reference chamber and a valve assembly
8 responsive to the reference chamber/appliance inlet
9 pressure differential for connecting/disconnecting the
10 inlet port to and from the outlet port. At least one
11 manually adjustable back pressure regulator is connected
12 to the pressure source and the reference chamber for
13 setting the pressure in the reference chamber (and inlet
14 to the breathing appliance) at a selected level above
15 atmospheric pressure.
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